

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 06-139)

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|--|---|--------------------------|
| In re Application of: |) | |
| |) | |
| Crabtree et al. |) | |
| |) | Examiner: To Be Assigned |
| Serial No.: TBA |) | |
| |) | Art Unit: To Be Assigned |
| Filed: April 21, 2006 |) | |
| |) | |
| For: Hydrogenolysis of Sugar Feedstock |) | |

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This prior art statement is filed under 37 C.F.R. §§1.97-1.98 in compliance with the duty of disclosure set forth in 37 C.F.R. §1.56.

In the judgment of the undersigned, the references listed on the attached Form PTO-1449 may be material to the Examiner's consideration of the presently pending claims. However, the references have not been reviewed in sufficient detail to make any other representation and, in particular, no representation is intended as to the relative relevance between references, whether cited in this statement or prior statements. This statement is not a representation that the listed references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. §102 or §103.

U.S. Patents

1. U.S. Patent No. 5,118,883, issued June 2, 1992
2. U.S. Patent No. 5,026,927, issued June 25, 1991.
3. U.S. Patent No. 3,935,284, issued January 27, 1976.
4. U.S. Patent No. 6,080,898, issued June 27, 2000.
5. U.S. Patent No. 4,642,394, issued February 10, 1987.
6. U.S. Patent No. 5,097,089, issued March 17, 1992.
7. U.S. Patent No. 3,454,644, issued July 8, 1969.
8. U.S. Patent No. 6,479,713, issued November 12, 2002.
9. U.S. Patent No. 6,291,725, issued September 18, 2001.
10. U.S. Patent No. 5,326,912, issued July 5, 1994.
11. U.S. Patent No. 5,354,914, issued October 11, 1994.
12. U.S. Patent No. 5,600,028, issued February 4, 1997.
13. U.S. Patent No. 5,403,805, issued April 4, 1995.
14. U.S. Patent No. 5,210,335, issued May 11, 1993.
15. U.S. Patent No. 5,107, 018, issued April 21, 1992.
16. U.S. Patent No. 4,449,780, issued January 29, 1985.
17. U.S. Patent No. 4,476,331, issued October 9, 1984.
18. U.S. Patent No. 4,401,823, issued August 30, 1983.
19. U.S. Patent No. 4,380,678, issued April 19, 1983.
20. U.S. Patent No. 4,404,411, issued September 13, 1983.
21. U.S. Patent No. 4,366,332, issued December 28, 1982.
22. U.S. Patent No. 3,011,002, issued
23. U.S. Patent No. 5,026,927, issued June 25, 1991.

In accordance with MPEP Sections 609 and 707.05(b), it is requested the document cited (including any cited in applicant's specification which is not repeated on the attached Form PTO-

1449) be given thorough consideration and that it be cited of record in the prosecution history of the present application by initialing on Form PTO-1449. Such initialing is requested even if the Examiner does not consider a cited document to be sufficiently pertinent to use in a rejection, or otherwise does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application.

Respectfully submitted,

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Dated: April 21, 2006

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

| | |
|------------------------|------------------------|
| Application Number | TBA |
| Filing Date | April 21, 2006 / 06437 |
| First Named Inventor | Crabtree et al. |
| Art Unit | TBA |
| Examiner Name | TBA |
| Attorney Docket Number | 06-139 |

U. S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
| | | Number-Kind Code ² (if known) | | | |
| | 1 | 5,118,883 | 06/02/1992 | Gehrer et al. | |
| | 2 | 5,026,927 | 06/25/1991 | Andrews et al. | |
| | 3 | 3,935,284 | 01/27/1976 | Kruse | |
| | 4 | 6,080,898 | 06/07/2000 | Drent et al. | |
| | 5 | 4,642,394 | 02/10/1987 | Che | |
| | 6 | 5,097,089 | 03/17/1992 | Gracey et al. | |
| | 7 | 3,454,644 | 07/08/1969 | Dewhirst | |
| | 8 | 6,479,713 | 11/12/2002 | Werpy et al. | |
| | 9 | 6,291,725 | 09/18/2001 | Chopade et al. | |
| | 10 | 5,326,912 | 07/05/1994 | Gubitosa et al. | |
| | 11 | 5,354,914 | 10/11/1994 | Gubitosa et al. | |
| | 12 | 5,600,028 | 02/04/1997 | Gubitosa et al. | |
| | 13 | 5,403,805 | 04/04/1995 | Gubitosa et al. | |
| | 14 | 5,210,335 | 05/11/1993 | Schuster et al. | |
| | 15 | 5,107,018 | 04/21/1992 | Schuster | |
| | 16 | 4,496,780 | 01/29/1985 | Arena | |
| | 17 | 4,476,331 | 10/09/1984 | Dubeck et al. | |
| | 18 | 4,401,823 | 08/30/1983 | Arena | |
| | 19 | 4,380,678 | 04/19/1983 | Sirkar | |
| | 20 | 4,404,411 | 09/13/1983 | Tanikella | |
| | 21 | 4,366,332 | 12/28/1982 | Chao et al. | |
| | 22 | 3,011,002 | 11/28/1961 | Chao et al. | |
| | 23 | 5,026,927 | 06/25/1991 | Andrews et al. | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁵ |
|--------------------|-----------------------|---|--------------------------------|--|---|----------------|
| | | Country Code ³ "Number" ⁴ "Kind Code" ⁵ (if known) | | | | |

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.